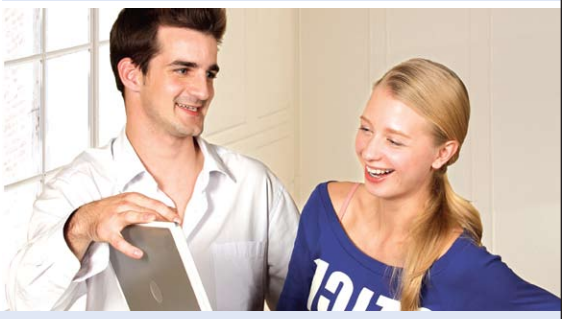
TP-LINK®

54M Wireless ADSL2+ Router
TD-W8901G/TD-W8901GB

3-in-1: ADSL2+ modem, 4-port Ethernet router and wireless G access point

Latest ADSL standards for superior performance: up to 24Mbps downstream and 3.5Mbps upstream

Various QoS policies enable various application, meeting people's different needs



Description:

The TP-LINK ADSL2/2+ Modem with 54M Wireless Router (TD-W8901G/TD-W8901GB) is a 3-in-1 device that combines the function of a high-speed DSL modem, wireless G access point, and 4-port Ethernet router. It supports the latest ADSL2/2+ standards to provide higher performance (up to 24Mbps downstream and 3.5Mbps upstream) and longer reach from your Internet Service Provider's (ISP) Digital Subscriber Line Access Multiplexer (DSLAM).With the TD-W8901G/TD-W8901GB, you can create a wireless network to connect 802.11g/802.11b devices as well as a wired network to connect up to four 10/100 Ethernet devices.

The TD-W8901G/TD-W8901GB includes a built-in QoS engine that helps prioritize Internet traffic to enable smooth Internet phone calls (VoIP) and lag-free online gaming. To prevent unauthorized wireless access into your network, the TD-W8901G/TD-W8901GB supports the latest encryption including WEP, WPA, and WPA2. In addition, this device includes Dual Active Firewalls (SPI and NAT) to help protect your network from potential attacks from across the Internet.

The TD-W8901G/TD-W8901GB also supports TR-069 which automatically updates the firmware and other settings when they become available from your ISP. Whether it is for a home or for a small office user, the ADSL2/2+ Modem with 54M Wireless Router (TDW8901G/TD-W8901GB) is the ideal all-in-one broadband and wireless networking solution.

Specifications:

Interfaces	1 RJ11 port, 4 ethernet ports, support 802.3,802.3u
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps（With Annex M enabled）
ADSL Features	Full-rate ANSI T1.413 Issue 2 ITU-T G.992.1 (G.dmt) ITU-T G.992.2 (G.lite) ITU-T G.994.1 (G.hs) ITU-T G.992.3 (G.dmt.bis) ITU-T G.992.4 (G.lite.bis) ITU-T G.992.5 Supports Annex A/B/I/J/L/M Max 6 kilometers
ATM Features	UNI 3.1/4.0, ATM Adaptation Layer Type 5-AAL5 Multiprotocol encapsulation over ATM (RFC 1483/RFC 2684) UBR, CBR, VBR-rt, VBR-nrt Supports 8PVCs OAM F4/F5 Loop-back, AIS and RDI OAM cells
PPP Features	PPP over ATM (RFC 2364) PPP over Ethernet (RFC 2516)
Switching Features	IGMP snooping IGMP multicast Port VLAN Tag VLAN IEEE 802.1d transparent learning bridging
Routing Features	Clasical IP and ARP over ATM (RFC 1577/2225), MER, RIP V1/V2 Static routing, IP, TCP, UDP, ARP PPP Encapsulation： PAP, CHAP, MS-CHAP NAT, NAPT, DNS, DDNS, DHCP Server UPnP, Virtual Server, DMZ SIP, H323 ALG
Wireless Features	Complies with IEEE 802.11g, IEEE802.11b Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/3/2/1Mbps data transfer rates Provides WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security Provides 64/128-bit WEP encryption security and wireless LAN ACL (Access Control List) Wireless operating range: Indoor up to100m, Outdoor up to 300m
Wireless Transmit Power	17 dBm
Antenna Power	3 dBi
Firewall	Stateful Packet Inspection (SPI), NAT and Packet Filter
VPN Pass Through	IPSec/PPTP/L2TP Pass-through
QoS	IP Type of service(ToS) DSCP 802.1p
Device Management	HTTP, TELNET, Console Administration and operation software (firmware) upgradable locally by WEB, TFTP, FTP, Console SNMP V1/V2 CWMP（TR-069）
Led	Power, System, ADSL, WLAN, LAN1~4
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~90% non-condensing
Dimensions(L x W x H)	7.9 x 5.5 x 1.1 in.(200 x 140 x 28mm)

Features:

- 3-in-1: ADSL2+ modem，4-port Ethernet router and wireless G access point
- Easily share ADSL connection with all office or home computers，wired or wirelessly
- Dual Active Firewalls: SPI and NAT
- QoS prioritization based on IP Type of service(ToS), DSCP or 802.1p
- Supports DHCP, Universal Plug-and-Play (UPnP), and includes a user-friendly Setup Wizard which takes you through configuring your network, step by step
- Administer and Upgrade the Router Remotely over the Internet

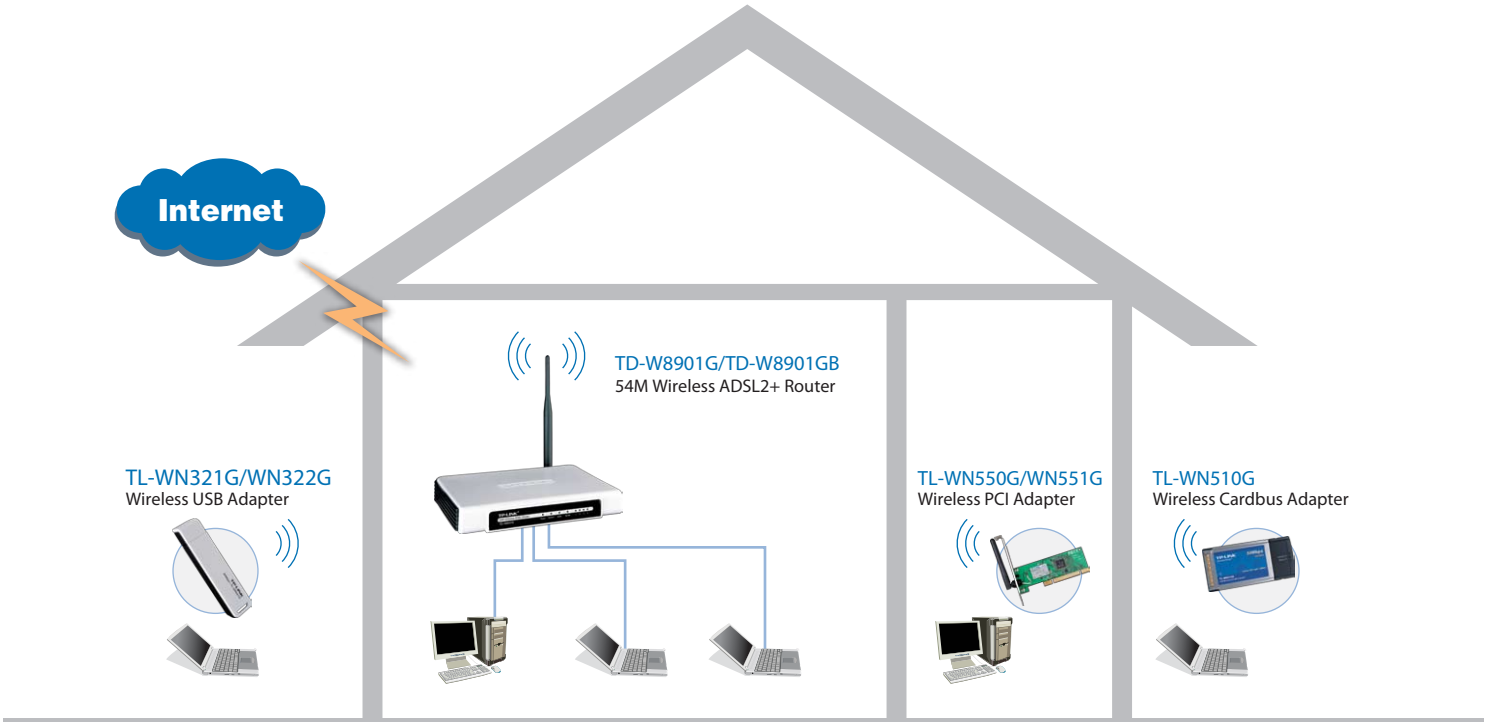
Package:

- 54M Wireless ADSL2+ Router TD-W8901G
- One DC power Adapter
- Quick Installation Guide
- One RJ45 cable
- Two RJ11 cables
- One ADSL splitter
- One Resource CD

Related Products:

- 54M Wireless Cardbus Adapter TL-WN510G
- 54M Wireless USB Adapter TL-WN321G
- 54M Wireless PCI Adapter TL-WN551G

Diagram:



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TP-LINK®

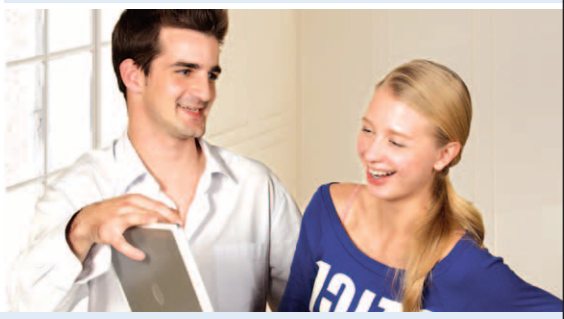
54Mbps Wireless USB Adapter

TL-WN321G

Compact portable design, easy to carry and less space occupation in use

Advanced WPA/WPA2 encryptions secure your wireless network

Bundled utility enables easy management



Description:

The TP-LINK TL-WN321G Wireless USB Adapter gives you the flexibility to install the PC or notebook PC in the most convenient location available, without the cost of running network cables.

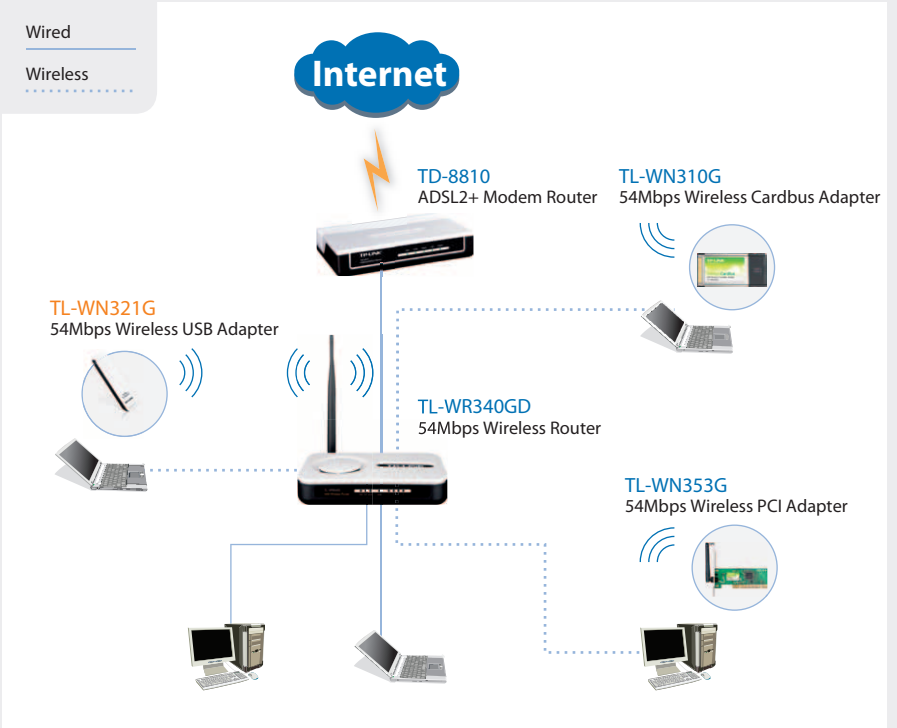
Its auto-sensing capability allows high packet transfer up to 54Mbps for maximum throughput, or dynamic range shifting to lower speeds due to distance or operating limitations in an environment with a lot of electromagnetic interference. It can also interoperate with all the 11Mbps wireless (802.11b) products. Your wireless communications are protected by WPA/WPA2 encryption, so your data stays secure.

Additionally, TL-WN321G supports soft AP Mode, and PSP connection*, which brings you joyful Online-gaming experience.

Specifications:

Standards	IEEE 802.11g IEEE 802.11b
Interface	A-type USB 2.0 Connector
Wireless Signal Rates	11g: 54/48/36/24/12/9/6 Mbps (Auto -Sensing)
With Automatic Fallback	11b:11/5.5/2/1 Mbps (Auto -Sensing)
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	15dBm(typical)
Modulation Type	DBPSK, DQPSK OFDM, CCK
Receiver Sensitivity	54M：-68dBm@10% PER 11M：-85dBm@8% PER 6M：-88dBm@10% PER 1M：-90dBm@8% PER
Antenna Type	Internal Omni Directional
Wireless Security	64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Media Access Control	CSMA/CA with ACK
Range	Indoors up to 100m, outdoors up to 300m. (Standard transmission distance, it is limited in different environment.)
Certifications	CE、FCC、WHQL
Support Operating System	Windows 7/Vsita/XP/2000
Storage Temperature	0°C~40°C (32°F~104°F)
Relative Humidity	-40°C~70°C (-40°F~158°F)
Storage Humidity	10% ~ 90%, non condensation
Dimensions	5%~95% non-condensing

Diagram:



Features:

- USB 2.0, portable and flexible
- Supports Ad-Hoc/Infrastructure modes
- Provides soft AP Mode, and PSP connection*
- Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/2/1Mbps data transfer rates
- Supports 64/128 strength WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms
- Supports Windows 7/Vsita/XP/2000
- Provides simple configuration and supervisor program

** PSP connection is supported by Windows 2000, XP only.*

Package:

- 54Mbps Wireless USB Adapter TL-WN321G
- 100cm USB Extension Cable
- Quick Setup Guide
- Resource CD, including:
  - · TL-WN321G Wireless Client Utility and Drivers
  - · User Guide
  - · Other Helpful Information

Related Products:

- 54Mbps Wireless Router TL-WR340GD
- 54Mbps Wireless PCI Adapter TL-WN353GD
- ADSL2+ Modem Router TD-8810

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